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IS 3274 (1967): Goose-neck ventilators - welded type [TED
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IS : 3274 - 1967

Indian Standard

SPECIFICATION FOR GOOSE-NECK
VENTILATORS—WELDED TYPE

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INDIAN STANDARDS INSTITUTION
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

AMENDMENT NO. 1 FEBRUARY 1974

TO

**IS : 3274-1967 SPECIFICATION FOR GOOSE-NECK
VENTILATORS — WELDED TYPE**

Alterations

(*Page 4, clause 3.3*)

- a) Substitute ' IS : 4855-1968*' for ' IS : 2517-1963* '.
- b) *Foot-note with (*) mark* — Substitute the following for the existing foot-note:

'*Specification for bright steel bars for machining.'

(EDC 56)

Indian Standard

SPECIFICATION FOR GOOSE-NECK VENTILATORS—WELDED TYPE

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Indian Standard

SPECIFICATION FOR GOOSE-NECK VENTILATORS—WELDED TYPE

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 24 February 1967, after the draft finalized by the Marine Engineering and Shipbuilding Sectional Committee had been approved by the Mechanical Engineering Division Council.

0.2 Goose-neck ventilators are used on board ships for natural ventilation to stores, lockers, etc. They are directly welded to the deck.

0.3 For the preparation of this standard assistance has been derived from JIS F 2408-1957 'Goose-neck ventilators', issued by Japanese Industrial Standards Committee.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS: 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard specifies the requirements of goose-neck ventilators.

2. TYPES

2.1 Goose-neck ventilators shall be of two types, namely Type A and Type B.

3. MATERIAL

3.1 The main body of the goose-neck ventilator, Type A, shall be made out of plates of 8 mm thick conforming to IS: 2062-1962†.

3.2 The main body of the goose-neck ventilator, Type B, shall be made out of heavy quality tubes conforming to IS: 1239-1964‡.

*Rules for rounding off numerical values (*revised*).

†Structural steel (fusion welding quality).

‡Specification for mild steel tubes and tubulars (*revised*).

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3.3 The material for hinge bolt and pivoting pins shall conform to IS : 2517-1963* and IS:1732-1961†, respectively.

3.4 The welding rods shall conform to IS:1278-1958‡.

4. WELDING

4.1 The welding practice shall be in accordance with IS:1323-1959§.

5. GALVANIZING

5.1 All parts shall be galvanized in accordance with IS: 2629-1966||.

6. DIMENSIONS

6.1 The shape and dimensions for Type A and Type B goose-neck ventilators shall be as shown in Fig. 1 and Fig. 2 respectively.

6.2 The dimensions of the split cotter pin shall be in accordance with IS: 549-1961¶.

7. TOLERANCES

7.1 The tolerances on all dimensions shall be according to coarse series of IS: 2102-1962**.

7.2 The tolerances on plates shall conform to those given in IS: 1730-1961††.

8. MARKING

8.1 The goose-neck ventilator — welded type may be marked with the ISI Certification Mark.

NOTE — The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution (Certification Marks) Act, and the Rules and Regulations made thereunder. Presence of this mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard, under a well-defined system of inspection, testing and quality control during production. This system, which is devised and supervised by ISI and operated by the producer, has the further safeguard that the products as actually marketed are continuously checked by ISI for conformity to the standard. Details of conditions, under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.

*Bright bars for threaded components.

†Dimensions for rounded and square steel bars for structural and general engineering purposes.

‡Filler rods and wires for gas welding.

§Code of practice for oxy-acetylene welding for structural work in mild steel.

||Code of practice for hot-dip galvanizing of iron and steel.

¶Split cotter pins (*revised*).

**Recommendations for machining deviations for dimensions without specified tolerances.

††Dimensions for steel plate, sheet and strip for structural and general engineering purposes.

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TO

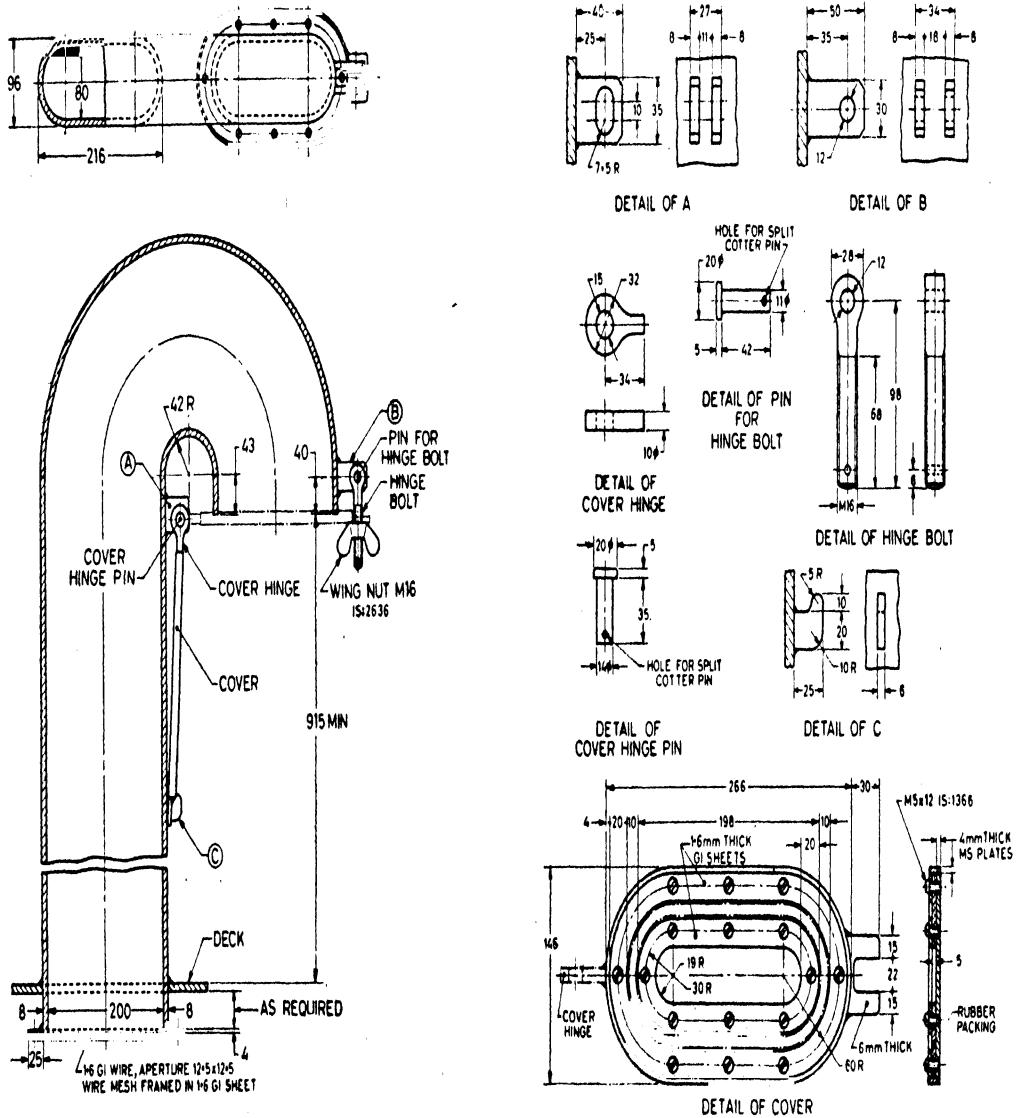
**IS : 3274-1967 SPECIFICATION FOR GOOSE-NECK
VENTILATORS — WELDED TYPE**

Alterations

(*Page 4, clause 3.3*)

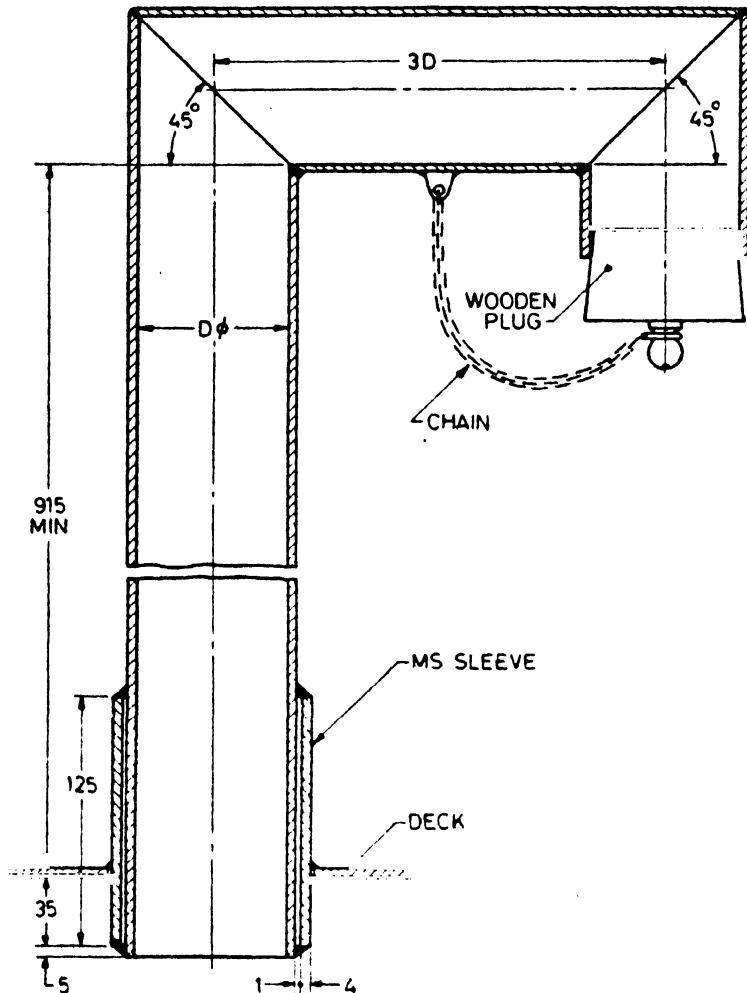
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(EDC 56)



All dimensions in millimetres.

FIG. 1 DIMENSIONS FOR TYPE A GOOSE-NECK VENTILATORS



All dimensions in millimetres.

FIG. 2 DIMENSIONS FOR TYPE B GOOSE-NECK VENTILATORS

